PATENT

In re: Fleming et al.

Page 11

Carcig.

82. (New) The structure of Claim 8 wherein the thickness of each interconnection layer is twice the thickness of each hexagonal-pattern layer.

83. (New) The structure of Claim 16 wherein the dots are arranged in a triangular array.

Remarks

Formal drawings for Figs. 1 - 9 are being submitted herewith. These formal drawings do not add any new matter.

None of the newly-submitted claims 52 - 83 add any new matter. Support for new claims 52 - 60 can be found on the last paragraph on page 17 through the first paragraph on page 18, and in Fig. 5. Support for new claims 61 - 83 can be found on the second and third paragraphs on page 18 and in Fig. 6. The honeycomb layers recited in new independent claims 61 and 70 are shown in Fig. 6 as Structure Layer 1 and Structure Layer 3.

Attached hereto is a clean copy of the amended claims and new claims.

Entry of the amendments presented herein and favorable consideration of the accompanying divisional patent application are earnestly solicited.

Respectfully submitted,

Dated: 10g 11+ 27, 2001

Phone: (505) 844-4007 FAX: (505) 844-2363

John P. Hohimer

Patent Attorney, Reg. No. 39,226 Sandia National Laboratories Patent & Licensing Center, MS 0161

P.O. Box 5800

Albuquerque, New Mexico 87185-0161

DOCTHONG. CONTINUE

PATENT

In re: Fleming et al.

Page 12

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231.

<u>or</u>

[] 37 CFR 1.8(a)

With sufficient postage as first class mail

[X] <u>37 CFR 1.10</u>

As "Express Mail Post Office to Addressee"

Mailing Label No. EL026585565US

(Type or print name of person mailing paper)

(Signature of person mailing paper)

ated: 8/28/01